

### **ABSTRACT OF THE DISCLOSURE**

A signal transmission device and method wherein the signal transmission  
5 device includes a first communication part for transmitting a signal through a number  
of high-speed serial buses, and a second communication part for transmitting a signal  
through a low-speed serial bus having a transmission speed lower than that of the  
high-speed serial buses; each signal transmission device is disposed on the terminal  
side of a transmission line which is configured of the number of high-speed serial  
10 buses and the low-speed serial bus, and a signal transmitting operation through the  
high-speed serial buses is controlled on the basis of the result of communications  
through the low-speed serial bus.